NEW HAMPSHIRE

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New England Association of Pipeline Safety Representatives Olgonquit, ME

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Key New Hampshire Stats

- No Interstate Operator nor Haz Liquid Operator Certification with PHMSA (5 operators)
- 0 gathering lines
- 0 municipal gas operators
- 3 gas LDCs
- 3 Intrastate Transmission Operator (including Landfill)
- 1 LNG Plant Operator (3 plants)
- 1 LP Plant Operator (3 plants)
- 4 Master Meter Operator

Key New Hampshire Stats

- Propane Systems:
 - 45 LP Operators
 - Approx 800 jurisdictional LP systems
- 2 inspectors
- Well Established Underground Damage
 Prevention System > 27 years
 - Administered by Safety Division

Merger & Acquisition Activity



#1

- National Grid
- Looking to "explore options in New Hampshire
- Gas & Electric Divisions

#2

- Parent Company of NH Gas (Berkshire Gas Company)
- Ibedrola USA sold to UIL Holdings Corp.

Safety Related Conditions in 2009/2010

 Number of Incidents in 2009/2010 (Fed Definition)

NOPVs issued in 2009

Letters of Concern and Warning Letters

So what have we been doing?

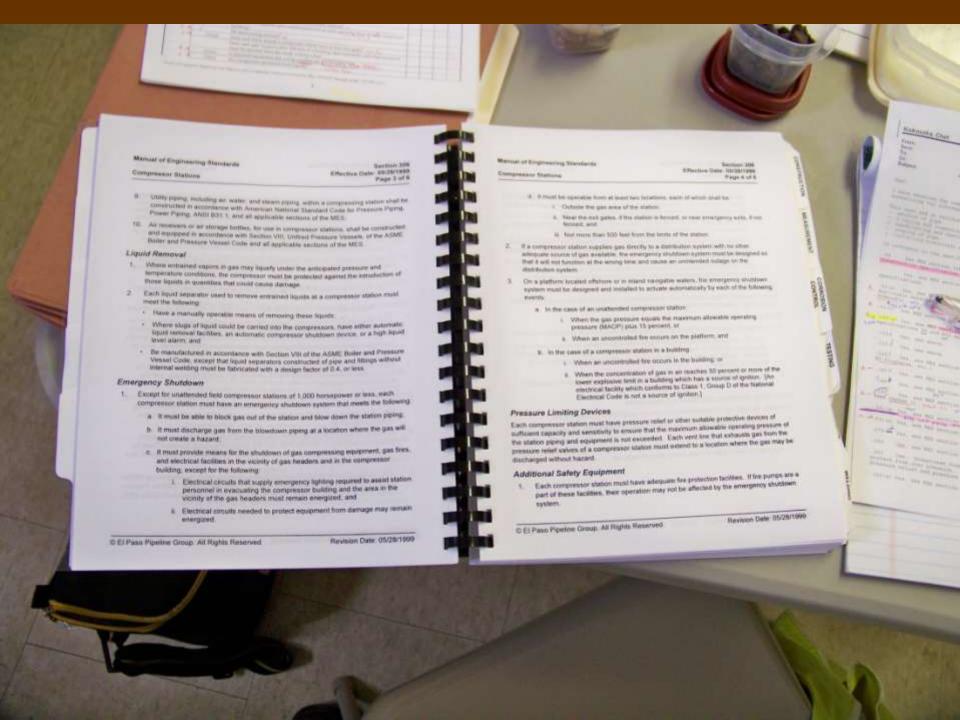
- OQ Inspections (Protocol 9s)
- Entered into Fed Database
- No substantial issues found
- NH requires all construction activities to be OQ compliant
- OQ regulations in 192 are lacking
- Stricter OQ will be proposed in NH Rules

- IMP inspections have all been completed (3 intrastate operators and 3 plans reviewed)
- Entered into Fed Database
- No substantial issues found
- Witnessed MFL pigging operation in the field
- Requires follow up of data interpretation in 2010
- Provided guidance for plastic transmission pipeline

- First Interstate Compressor Station built in NH in 2009
- Safety Division represented on NH Site Evaluation Committee's 9 month public review process which requires approval before certificate is granted. Conditions stricter than Federal Standards can be applied.
- NH received temporary inspection authority for the construction and installation of the Station
- On going Maintenance and Operations reside with PHMSA.







NH Plastic Waiver Update

Northeast Gas Association petitioned NHPUC for special permit regarding 2 year requirement for polyethylene for outdoor storage and use in July 2009

NH PUC rejected waiver because it was filed incorrectly and not in accordance with rules August 2009

Confirmed that Northeast Gas Association is no longer pursuing this waiver request.



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NH Dig Safe Rules Update

After multiple refinements finalized in 2008 no substantive rule changes have been contemplated

Review of cases are not pointing to any one particular problem that needs addressing.

Continued increased education on excavator reporting is required

5 State New England One Call Center continues minimal promotion of 811

Cast Iron Bare Steel Accelerated Replacement Program



National Grid

- Applies to internally driven projects not externally driven
- 3rd year of program
- \$300 k/yr to \$5 million/yr
- Customized program specific to NH
- Approximately 4 miles per year are removed internally driven and 4 miles per year externally driven
- Extensive review of all aspects of program by regulators

- Starting point 135 miles CI, 17 miles BS in NH
- Impact to residential rate payer \$12/yr (\$2.5, \$5, \$4)
- 2008 Replaced 7 miles, 3.5 miles internally driven
- 2009 Replaced 8 miles, 4 miles internally driven
- 2010 projected to replace 4 miles internally driven and 1 mile externally driven
- Bare Steel Services are replaced at rate of approximately 200 per year.

Regulator Involvement

- Annual approval of prioritization list and amount to be replaced and line item costs per segment are submitted
- Each bare steel section, catalogued, photographed and tested for remaining wall thickness and level of corrosion
- Report Generated on all Bare Steel Sections
- Cut outs of Pipe Replaced are submitted to NHPUC
- Inspection priorities are centered around CIBS for constant field monitoring.
- Extensive review of costs to remove items that are not related to defined parameters
- Testimony at annual docketed hearing on cost recovery and program impact

- Program Benefits:
 - Worst Leak Prone Pipes are targeted based on leak/main break history, material, age, field input
 - Approximately 200 Bare Steel Services per year are replaced that normally would not
 - More Meters are moved from inside to outdoors
 - Proactive vs Reactive Mentality

- Program Modifications:
 - Increased monitoring of estimates and actual costs
 - Only replace like in kind pipe diameters (avoid rebuild of systems)
 - Contain cost creep
 - Monitor municipal impact fees
 - Trend leakage decline over the past 3 years

Northern Utilities (Unitil)

- Acquisition completed in Dec 2008
- 32 miles of Bare Steel remaining
- Must all be removed within 7 years (2017)
- As much or as little per year as required

Unitil Acquisition of Northern Utilities (formerly NiSource)

Northern Utilities (Unitil)

- Increased Response Times
- CI/BS replacement program
- Limitations on Key Valves (500 customer maximum or 2% total and max 12 hour duration)
- Eliminated possibility for customer owned piping
- Locators must be inhouse not outsourced